

Application No.: 10/630262  
Docket No.: CL1942USNA

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**REMARKS**

Claims 1-34 are in the case. The claims have been made subject to a requirement to restrict.

Claim 12 has been canceled.

Applicants note here that the office action is addressed to "DuPont Performance Coatings". Applicants note that future actions should be addressed to "E. I. DuPont Company" at the same address.

The examiner has determined that the application contains six independent and distinct inventions. In relevant part the examiner find that claims 1-17 (Group I) are drawn to functionalized nanoparticles classified in class 530 subclass 402.

Additionally the examiner finds that the application contains patentable distinct species, as identified on page 5 of the present action and encompassing: A) a type of semiconductor; B) a monolayer; C) a shielding component; D) a first binding domain; and E) a capture moiety. Applicants are required to elect a single disclosed species for prosecution on the merits.

Election of claims is required under 37 CFR 1.143 as well as election of species.

Accordingly Applicants hereby elect Group I encompassing Claims 1-17 without traverse.

Applicant hereby elects a shielding component comprising short chain ethylene glycol oligomers as the species.

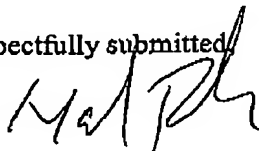
All claims not elected are hereby withdrawn as drawn to a non-elected invention.

The above Election of Claims and species and cancellation of Claims does not alter the inventorship of the application.

Applicants reserve the right to file a divisional application to the non-elected matter. In making this election Applicants make no representations or admissions regarding the reasoning employed by the Examiner in support of the restriction.

Should there be any fee due in connection with the filing of this Response To Restriction Requirement please charge such fee to Deposit Account No. 04-1928 (E. I. du Pont de Nemours and Company).

Respectfully submitted,



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Dated: March 27, 2006